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Sequence Listing was accepted.

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Reviewer: Durreshwar Anjum

Timestamp: [year=2008; month=11; day=4; hr=12; min=1; sec=58; ms=426;]

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Application No: 10587529 Version No: 2.0

Input Set:**Output Set:**

Started: 2008-10-08 15:32:56.516
Finished: 2008-10-08 15:32:57.817
Elapsed: 0 hr(s) 0 min(s) 1 sec(s) 301 ms
Total Warnings: 25
Total Errors: 0
No. of SeqIDs Defined: 27
Actual SeqID Count: 27

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Output Set:

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Error Description

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<141> 2008-10-08

<150> 10/587,259

<151> 2006-07-26

<150> PCT/CA05/00099

<151> 2005-01-25

<160> 27

<170> PatentIn version 3.5

<210> 1

<211> 37

<212> PRT

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Ser	Ser	Tyr	Leu	Glu	Gly	Gln	Ala	Ala	Lys	Glu	Phe	Ile	Ala	Trp	Leu
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Val	Lys	Gly	Arg	Gly
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His	Asp	Glu	Phe	Glu	Arg	His	Ala	Glu	Gly	Thr	Phe	Thr	Ser	Asp	Val
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Ser Ser Tyr Leu Glu Gly Gln Ala Ala Lys Glu Phe Ile Ala Trp Leu
20 25 30

Val Lys Gly Arg
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<222> (36)..(36)
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His Asp Glu Phe Glu Arg His Ala Glu Gly Thr Phe Thr Ser Asp Val
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Ser Ser Tyr Leu Glu Gly Gln Ala Ala Lys Glu Phe Ile Ala Trp Leu
20 25 30

Val Lys Gly Arg
35

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His Ala Glu Gly Thr Phe Thr Ser Asp Val Ser Ser Tyr Leu Glu Gly
1 5 10 15

Gln Ala Ala Lys Glu Phe Ile Ala Trp Leu Val Lys Gly Arg Gly
20 25 30

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1 5 10 15

Gln Ala Ala Lys Glu Phe Ile Ala Trp Leu Val Lys Gly Arg
20 25 30

<210> 6

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<222> (30)..(30)

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Gln Ala Ala Lys Glu Phe Ile Ala Trp Leu Val Lys Gly Arg
20 25 30

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<213> Heloderma horridum

<400> 7

His Ser Asp Gly Thr Phe Thr Ser Asp Leu Ser Lys Gln Met Glu Glu
1 5 10 15

Glu Ala Val Arg Leu Phe Ile Glu Trp Leu Lys Asn Gly Gly Pro Ser
20 25 30

Ser Gly Ala Pro Pro Pro Ser
35

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His Gly Glu Gly Thr Phe Thr Ser Asp Leu Ser Lys Gln Met Glu Glu
1 5 10 15

Glu Ala Val Arg Leu Phe Ile Glu Trp Leu Lys Asn Gly Gly Pro Ser
20 25 30

Ser Gly Ala Pro Pro Pro Ser
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His Gly Glu Gly Thr Phe Thr Ser Asp Leu Ser Lys Gln Met Glu Glu
1 5 10 15

Ala Val Arg Leu Phe Ile Glu Trp Leu Lys Asn Gly Gly Pro Tyr
20 25 30

<210> 10
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Asp Leu Ser Lys Gln Met Glu Glu Glu Ala Val Arg Leu Phe Ile Glu
1 5 10 15

Trp Leu Lys Asn Gly Gly Pro Ser Ser Gly Ala Pro Pro Pro Ser
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<210> 11

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<223> wherein Xaa at position 1 is pyroglutamate

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Xaa Leu Gly Pro Gln Gly Pro Pro His Leu Val Ala Asp Pro Ser Lys
1 5 10 15

Lys Gln Gly Pro Trp Leu Glu Glu Glu Glu Glu Ala Tyr Gly Trp Met
20 25 30

<210> 12
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<222> (1)..(1)
<223> wherein X at position 1 is pyroglutamate

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Xaa Leu Gly Pro Gln Gly Pro Pro His Leu Val Ala Asp Pro Ser Lys
1 5 10 15

Lys Gln Gly Pro Trp Leu Glu Glu Glu Glu Glu Ala Tyr Gly Trp Leu
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<210> 13
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<223>  wherein X at position 1 is pyroglutamate

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<210>  15
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Met Gln Arg Leu Cys Val Tyr Val Leu Ile Phe Ala Leu Ala Leu Ala
1              5              10              15

Ala Phe Ser Glu Ala Ser Trp Lys Pro Arg Ser Gln Gln Pro Asp Ala
      20              25              30

Pro Leu Gly Thr Gly Ala Asn Arg Asp Leu Glu Leu Pro Trp Leu Glu
      35              40              45

Gln Gln Gly Pro Ala Ser His His Arg Arg Gln Leu Gly Pro Gln Gly
      50              55              60

Pro Pro His Leu Val Ala Asp Pro Ser Lys Lys Gln Gly Pro Trp Leu

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85	90	95	

Ala Glu Asp Glu Asn
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<400> 16

Asp Leu Glu Leu Pro Trp Leu Glu Gln Gln Gly Pro Ala Ser His His
1 5 10 15

Arg Arg Gln Leu Gly Pro Gln Gly Pro Pro His Leu Val Ala Asp Pro
20 25 30

Ser Lys Lys Gln Gly Pro Trp Leu Glu Glu Glu Glu Glu Ala Tyr Gly
35 40 45

Trp Met Asp Phe
50

<210> 17
<211> 14
<212> PRT
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<400> 17

Trp Leu Glu Glu Glu Glu Glu Ala Tyr Gly Trp Met Asp Phe
1 5 10

<210> 18
<211> 6
<212> PRT
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<400> 18

Tyr Gly Trp Met Asp Phe
1 5

<210> 19

<211> 6

<212> PRT

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<400> 19

Tyr Gly Trp Leu Asp Phe
1 5

<210> 20

<211> 31

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<222> (31)..(31)

<223> wherein Xaa is either Pro or Tyr

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His Gly Glu Gly Thr Phe Thr Ser Asp Leu Ser Lys Gln Met Glu Glu
1 5 10 15

Glu Ala Val Arg Leu Phe Ile Glu Trp Leu Lys Asn Gly Gly Xaa
20 25 30

<210> 21

<211> 40

<212> PRT

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<222> (2)..(2)
<223> wherein Xaa is either Ser or Asp

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<222> (3)..(3)
<223> wherein Xaa is either Gly or Phe

<400> 21

His	Xaa	Xaa	Gly	Thr	Phe	Ile	Thr	Ser	Asp	Leu	Ser	Lys	Gln	Met	Glu
1				5					10				15		

Glu	Glu	Ala	Val	Arg	Leu	Phe	Ile	Glu	Trp	Leu	Lys	Asn	Gly	Gly	Pro
			20					25					30		

Ser	Ser	Gly	Ala	Pro	Pro	Pro	Ser
		35					40

<210> 22
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<400> 22

His	Gly	Glu	Gly	Thr	Phe	Thr	Ser	Asp	Leu	Ser	Lys	Gln	Met	Glu	Glu
1				5					10				15		

Glu	Ala	Val	Arg	Leu	Phe	Ile	Glu	Trp	Leu	Lys	Asn	Gly	Gly	Pro	Ser
			20					25					30		

Ser	Gly	Ala	Pro	Pro	Ser	Lys	Lys	Lys	Lys	Lys	Lys	Ser	Ser	Gly	Ala
			35				40					45			

Pro	Pro	Pro	Ser
			50

<210> 23
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<212> PRT
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<220>
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<400> 23

Tyr Gly Trp Met Asp Phe
1 5

<210> 24
<211> 6
<212> PRT
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<400> 24

Tyr Gly Trp Leu Asp Phe
1 5

<210> 25
<211> 10
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<220>
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Gly Ala Gly Ala Gly Ala Gly Ala Gly Ala
1 5 10

<210> 26
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<223> wherein Phe at position 4 is attached to an NH2

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Trp Met Asp Phe
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<210> 27
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<222> (4)..(4)

<223> wherein Phe at position 4 is attached to an NH2

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Trp Leu Asp Phe

1